

<b>Project Title:</b>	Mechanisms of arsenic-induced chromosomal instability and carcinogenesis
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Publication Title	Authors	Journal (Pub date)	Volume/Page	PubMed Link
Antagonizing pathways leading to differential dynamics in colon carcinogenesis in Shugoshin1 (Sgo1)- ...	Rao, Chinthalapally V; Sanghera, Saira; Zhang, Yuting; Biddick, Laura; Reddy, Arun; Lightfoot, Stan; Dai, Wei; Yamada, Hiroshi Y	Mol Carcinog (2016 May)	55 / 600-10	PubMed Citation
Differential responses to genotoxic agents between induced pluripotent stem cells and tumor cell lin ...	Lu, Yinghua; Xu, Dazhong; Zhou, Jing; Ma, Yupo; Jiang, Yongping; Zeng, Wenxian; Dai, Wei	J Hematol Oncol (2013)	6 / 71	PubMed Citation
Epigenomics: Pioneering a New Frontier in Cancer Research.	Chervona, Yana; Costa, Max; Dai, Wei	J Pharmacogenomics Pharmacoproteomics (2012 Jan 23)	3 /	PubMed Citation
Haploinsufficiency of SGO1 results in deregulated centrosome dynamics, enhanced chromosomal instabil ...	Yamada, Hiroshi Y; Yao, Yixin; Wang, Xiaoxing; Zhang, Yuting; Huang, Ying; Dai, Wei; Rao, Chinthalapally V	Cell Cycle (2012 Feb 1)	11 / 479-88	PubMed Citation
Mitotic checkpoint control and chromatin remodeling.	Yao, Yixin; Dai, Wei	Front Biosci (Landmark Ed) (2012 Jan 01)	17 / 976-83	PubMed Citation

Nuclear protein IK undergoes dynamic subcellular translocation and forms unique nuclear bodies durin ...	Hu, Liyan; Yang, Feikun; Liu, Xianan; Xu, Dazhong; Dai, Wei	Biomark Res (2013)	1 / 11	PubMed Citation
Plk1 protein phosphorylates phosphatase and tensin homolog (PTEN) and regulates its mitotic activity ...	Choi, Byeong Hyeok; Pagano, Michele; Dai, Wei	J Biol Chem (2014 May 16)	289 / 14066-74	PubMed Citation
Shugoshins function as a guardian for chromosomal stability in nuclear division.	Yao, Yixin; Dai, Wei	Cell Cycle (2012 Jul 15)	11 / 2631-42	PubMed Citation
Sumoylated BubR1 plays an important role in chromosome segregation and mitotic timing.	Yang, Feikun; Huang, Ying; Dai, Wei	Cell Cycle (2012 Feb 15)	11 / 797-806	PubMed Citation
Sumoylation is important for stability, subcellular localization, and transcriptional activity of SA ...	Yang, Feikun; Yao, Yixin; Jiang, Yongping; Lu, Luo; Ma, Yupu; Dai, Wei	J Biol Chem (2012 Nov 09)	287 / 38600-8	PubMed Citation